

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND TRADEMARK OFFICE				Atty. Docket No. PHJ 99-024		Serial No.	
				Applicant HIRANO ET AL			
				Filing Date CONCURRENTLY		Group	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)							
U.S. PATENT DOCUMENTS							
Ex. Int.		Document Number	Date	Name	Class	Sub- class	Filing Date If Approp.
	AA						
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- class	Trans. Yes No
	AG						
	AH						
	AI						
	AJ						
	AK						
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)							
DD	AL	Japanese Patent Application Laid-Open No. 10998/1998					
	AM						
	AN						
Examiner <i>Dec. Clark</i>				Date Considered <i>7-9-04</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP Draw line through citation if not in conformance and not considered. Include a copy this form with next communication to applicant.							



Form PTO-100
U.S. DEPARTMENT OF
COMMERCE
(REV. 7-80) PATENT AND TRADEMARK OFFICE

Atty. Docket No.
PHJ 99,024

Serial No.
09/889,090

Applicant
SATOSHI HIRANO ET AL

Filing Date
JJULY 11, 2001

Group

INFORMATION DISCLOSURE CITATION
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U.S. PATENT DOCUMENTS

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	AA					
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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub- class	Trans.
						Yes No
DD	AG 0 5 4 1 2 9 5 A 2	10/1992	EUROPE	G09G		
	AH					
	AI					
	AJ					
	AK					

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

DD	AL	PATENT ABSTRACTS OF JAPAN, VOL 1995, NO. 09, 10/1995 & JP 07 152144 A (NEC CORP), 6/1995, ABSTRACT
	AM	
	AN	

Examiner

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Date Considered

7/7/04

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